

## 0350109-070

(*Big Creek*)

### General Description

Watershed 03050109-070 is located in Anderson County and consists primarily of *Big Creek* and its tributaries. The watershed occupies 12,536 acres of the Piedmont region of South Carolina. The predominant soil types consist of an association of the Cecil-Madison series. The erodibility of the soil (K) averages 0.26 and the slope of the terrain averages 15%, with a range of 2-40%. Land use/land cover in the watershed includes: 46.0% forested land, 41.8% agricultural land, 10.7% urban land, 1.0% water, 0.4% forested wetland (swamp), and 0.1% barren land.

Big Creek flows through Big Creek Reservoir and is joined by Camp Creek (Camp Creek Reservoir), near the Town of Williamston, before draining into the Saluda River. This watershed contains a total of 24.7 stream miles and 130.0 acres of lake waters, all classified FW.

### Surface Water Quality

| <u>Station #</u> | <u>Type</u> | <u>Class</u> | <u>Description</u>    |
|------------------|-------------|--------------|-----------------------|
| S-302            | W/INT/BIO   | FW           | BIG CREEK AT S-04-116 |

*Big Creek (S-302)* - Aquatic life uses are fully supported based on physical, chemical, and macroinvertebrate community data. There is a significant increasing trend in pH. A significant decreasing trend in five-day biochemical oxygen demand suggests improving conditions for this parameter. Recreational uses are fully supported.

### Nonpoint Source Management Program

#### *Land Disposal Activities*

##### Landfill Facilities

| <i>LANDFILL NAME</i>      | <i>PERMIT #</i> |
|---------------------------|-----------------|
| <i>FACILITY TYPE</i>      | <i>STATUS</i>   |
| ANDERSON COUNTY/BIG CREEK | 041001-1101     |
| MUNICIPAL                 | ACTIVE          |

### Growth Potential

Overall, there is a fairly low potential for intensive urban growth in this watershed, which contains portions of the Towns of West Pelzer and Williamston. The Town of Williamston, although not a high growth area, is expected to experience low to moderate growth. A rail line crosses the watershed running from Williamston to the Town of Pelzer (en route to the City of Greenville) and contributes to the growth in the area.